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(54) THERMAL TRANSFER RECORDING MEDIUM SET

(57)Abstract:

PURPOSE: To prevent the rubbing contamination of a hot-melt ink layer, in a set consisting of a thermal transfer recording medium wherein a release layer and a hot-melt ink layer are successively laminated on a heat-resistant base material and a receiving medium, by specifying the materials of the release layer, the hot-melt ink layer and an overcoat layer.

CONSTITUTION: In a recording medium set having a thermal transfer recording medium and a receiving medium and constituted so as to melt a hot-melt ink layer by heating the recording medium from the base material side thereof by a thermal head to transfer the same to plain paper or a tag, the release layer of the recording medium is composed of a material melted at 50-120° C and a partially or entirely cured thermoplastic resin and a colorant are added to the hot-melt ink layer as main components. The content of a wax component is set to 30wt.% or less and an overcoat layer is composed of a thermoplastic resin. By this constitution, the overcoat layer and the transferred hot-melt ink layer are integrated and printing strong against rubbing contamination and excellent in heat resistance and solvent resistance is obtained.

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